

CLAIMS

We claim:

1. A system for monitoring the operation of a security system comprising:
 - a. a security system for controlling access to a secure area said system including at least one movable barrier operated by a barrier controller;
 - b. a diagnostic module operating in conjunction with the security system wherein said diagnostic module includes a microcontroller which monitors various operational parameters of the security system;
 - c. said diagnostic module includes a communication unit operating in conjunction with said microcontroller and capable of two-way wireless communications;
 - d. a remote monitor capable of two way wireless communication with said communication unit of said diagnostic module; and
 - e. wherein said micro controller monitors the operational parameters of the security system and when any of said operational parameters of the system reach a pre-designated level said diagnostic module communicates such over communication unit to said remote monitor.

- 1 2. The system of claim 1 wherein said remote monitor can by communicating with
2 said diagnostic module through said communication unit query said microcontroller
3 as to the status of various operational parameters of the security system.
- 1 3. The system of claim 1 wherein said diagnostic module is functionally independent
2 of the security system.
- 1 4. The system of claim 3 wherein said diagnostic module has its own power supply.
- 1 5. The system of claim 1 wherein said diagnostic module has its own power supply.
- 1 6. The system of claim 2 wherein said communication unit and remote monitor are
2 two-way pagers.
- 1 7. The system of claim 6 wherein a service technician with said remote monitor
2 communicates with said diagnostic unit.
- 1 8. The system of claim 1 wherein said communication unit and remote monitor are
2 two-way pagers.
- 1 9. The system of claim 8 wherein a service technician with said remote monitor
2 communicates with said diagnostic unit.
- 1 10. A security gate monitoring and failure warning system comprising:
2 a diagnostic module with a microcontroller that monitors operational parameters
3 of a security gate system;
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- 1 15. The system of claim 10 wherein a service technician with said second
2 communication unit communicates with said diagnostic unit through said first
3 communication unit.